

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| 1        | 0    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution) and (different adj1 species) and (exonuclease) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:21 |
| -        | 1    | ("20030215800").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:43 |
| -        | 1    | ((("20030215800").PN.) and exonuclease  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:48 |
| -        | 0    | exonuclease near10 (cleave adj1 single adj1 strand)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:49 |
| -        | 0    | exonuclease near10 (cleave\$1 adj1 single adj1 strand)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:49 |
| -        | 1    | exonuclease near10 (cleave\$1 adj1 single adj1 strand\$2)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| -        | 1023 | exonuclease near10 (single adj1 strand\$2)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| -        | 409  | (exonuclease near10 (single adj1 strand\$2)) and (recombination)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| -        | 409  | ((exonuclease near10 (single adj1 strand\$2)) and (recombination)) and py<1999  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:55 |
| -        | 76   | ((exonuclease near10 (single adj1 strand\$2)) and (recombination)) and @py<1999   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| -        | 298  | random adj1 recombination   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| -        | 61   | (random adj1 recombination) and @py<1999  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| -        | 3    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| -        | 0    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution) and (different adj1 gene)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:59 |

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| - | 3 | ((random adj1 recombination) and @py<1999)<br>and molecular adj1 evolution) and (different<br>adj1 species) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:21 |
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| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 1        | 3662 | dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:20 |
| 2        | 3663 | dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:20 |
| 3        | 2159 | (dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:20 |
| 4        | 1756 | ((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:21 |
| 5        | 113  | ((((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase) and @py<1999   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:26 |
| 6        | 91   | (((((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase) and @py<1999) and ((nucleic oligonucleotide gene) adj3 fragment)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:26 |
| 7        | 81   | (((((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase) and @py<1999) and ((nucleic oligonucleotide gene) adj3 fragment)) and (fragment near11 hybrid\$10)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:28 |
| 8        | 81   | ((((((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase) and @py<1999) and ((nucleic oligonucleotide gene) adj3 fragment)) and (fragment near11 hybrid\$10)) and (ligat\$4 near4 fragment)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:29 |
| 9        | 7    | ((((((dna adj1 shuffl\$5) (random\$2 adj1 recomb\$7) (molecular adj1 evolution) and (fragment near10 ligat\$4)) and ligase) and @py<1999) and ((nucleic oligonucleotide gene) adj3 fragment)) and (fragment near11 hybrid\$10)) and (ligat\$4 near4 fragment)) and (fragment same hybrid\$9 same ligat\$7) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:34 |
| 10       | 699  | ligation near10 recombination  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:34 |
| 11       | 4    | (ligation near10 recombination) and ligat\$4 adj3 adjacent   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 17:35 |
| -        | 1    | ("20030215800").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:42 |
| -        | 1    | ((("20030215800").PN.) and exonuclease   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:42 |

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|---|------|---|---|------------------|
| - | 0    | exonuclease near10 (cleave adj1 single adj1 strand)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:49 |
| - | 0    | exonuclease near10 (cleave\$1 adj1 single adj1 strand)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:49 |
| - | 1    | exonuclease near10 (cleave\$1 adj1 single adj1 strand\$2)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| - | 1023 | exonuclease near10 (single adj1 strand\$2)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| - | 409  | (exonuclease near10 (single adj1 strand\$2)) and (recombination)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:52 |
| - | 409  | ((exonuclease near10 (single adj1 strand\$2)) and (recombination)) and py<1999  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:55 |
| - | 76   | ((exonuclease near10 (single adj1 strand\$2)) and (recombination)) and @py<1999   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| - | 298  | random adj1 recombination   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| - | 61   | (random adj1 recombination) and @py<1999  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| - | 3    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:58 |
| - | 0    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution) and (different adj1 gene)                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 12:59 |
| - | 3    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution) and (different adj1 species)                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:21 |
| - | 0    | ((random adj1 recombination) and @py<1999) and molecular adj1 evolution) and (different adj1 species) and (exonuclease) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:21 |
| - | 1    | ("20030215800").PN.) and heterologous   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/25 15:49 |

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| - | 1 | ((("20030215800").PN.) and heterologous) and controlled adj1 manner   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/02/25 15:55 |
| - | 1 | ((("20030215800").PN.) and heterologous) and controlled adj1 manner) and restricted adj1 bank               | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/02/25 16:14 |
| - | 1 | ((("20030215800").PN.) and heterologous) and controlled adj1 manner) and restricted adj1 bank) and (ligase) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/02/25 17:19 |